

FIG. 1

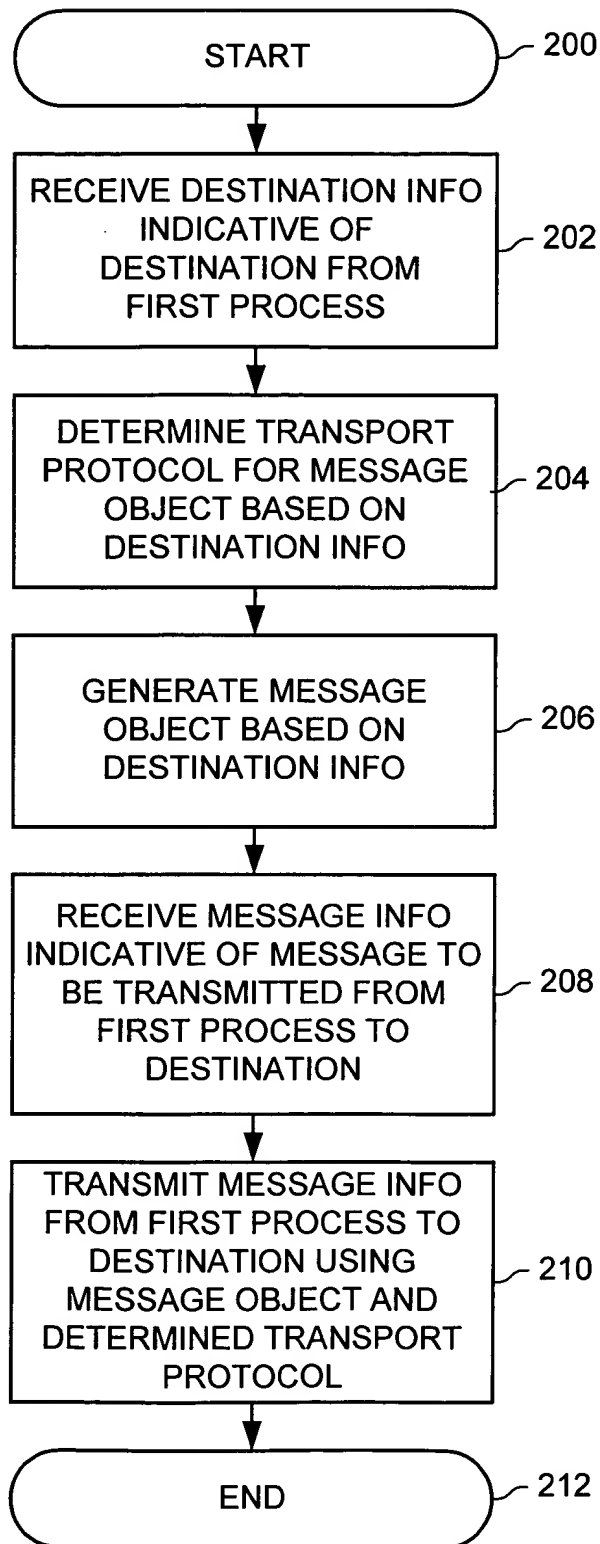


FIG. 2

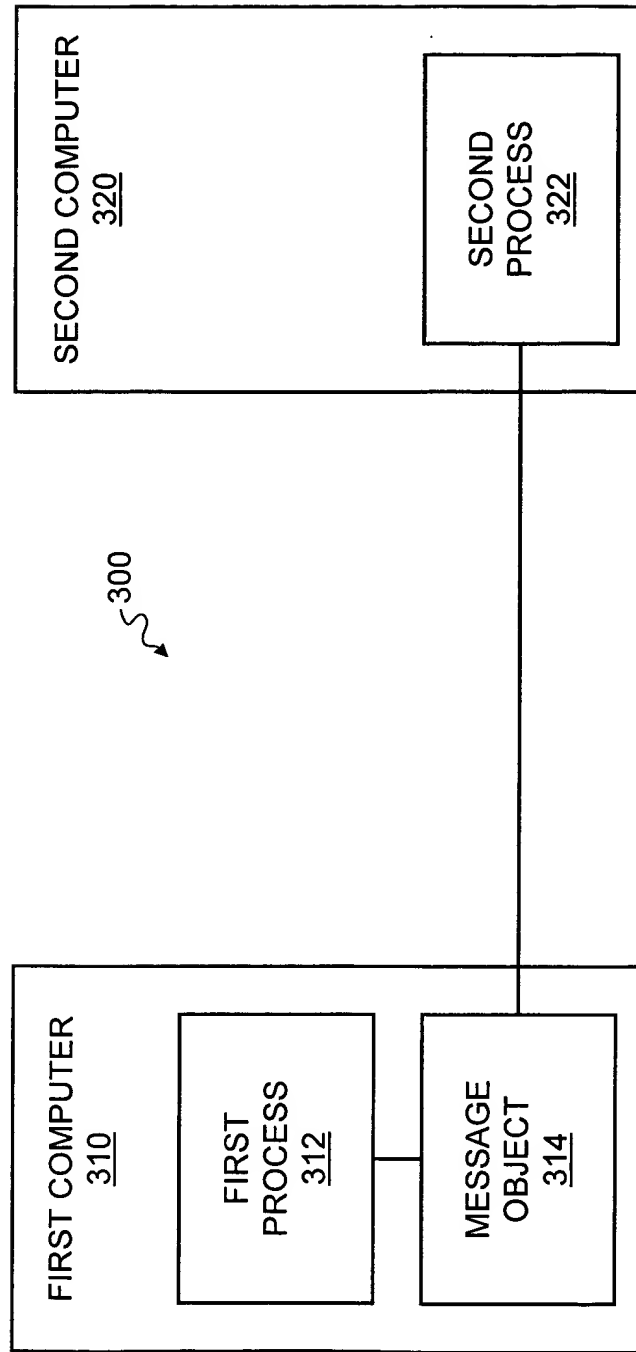


FIG. 3

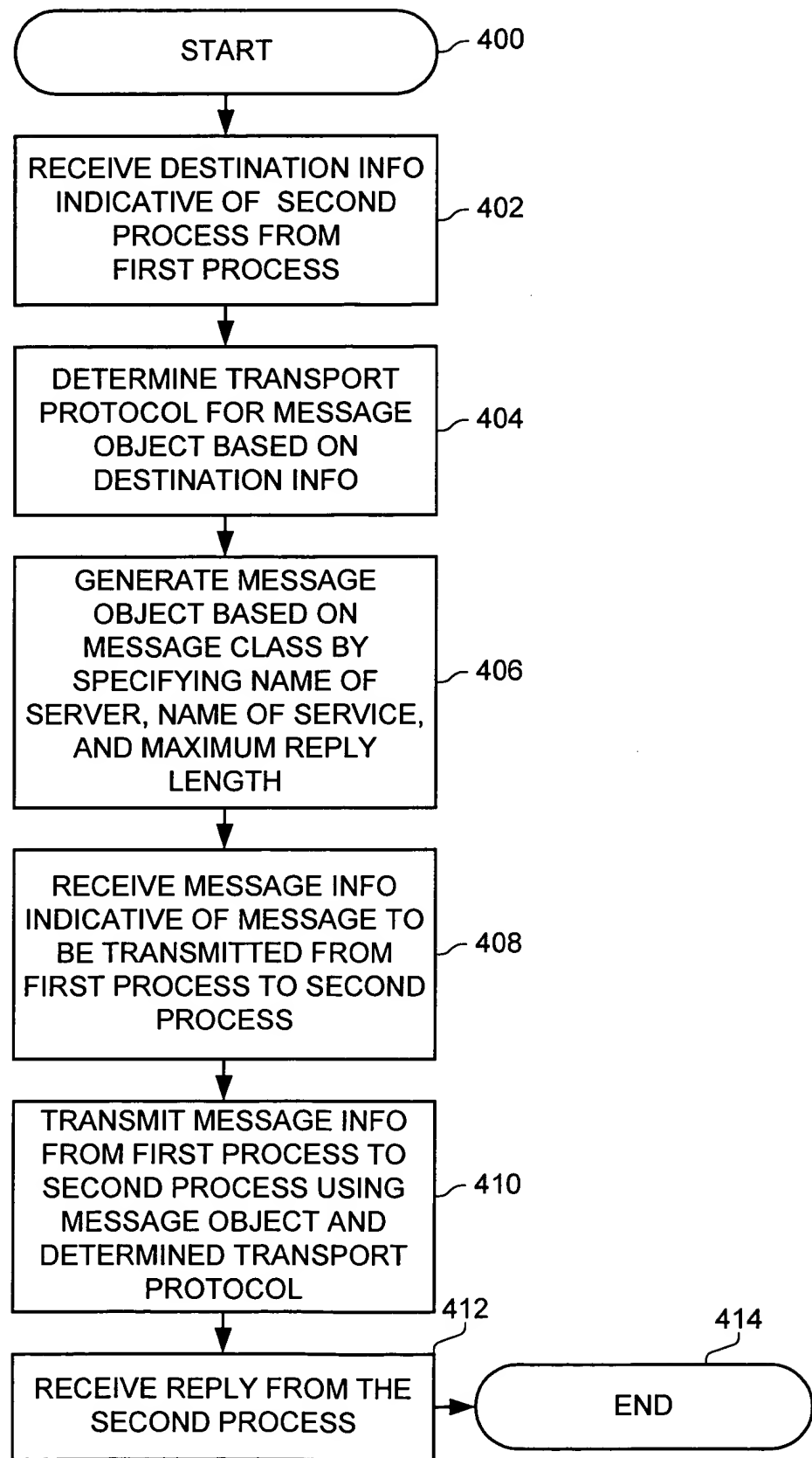
[illegible]

FIG. 4

```
graph TD; 500([START]) --> 502[REGISTER SERVICE]; 502 --> 504[PERFORM EXECUTE METHOD]; 504 --> 506[PERFORM REPLY METHOD]; 506 --> 508[PERFORM LISTEN METHOD]; 508 --> 510([END]);
```

The flowchart illustrates a sequential process for service registration and execution. It begins with a rounded rectangular box labeled "START" (500). An arrow points down to a rectangular box labeled "REGISTER SERVICE" (502). Another arrow points down to a rectangular box labeled "PERFORM EXECUTE METHOD" (504). A third arrow points down to a rectangular box labeled "PERFORM REPLY METHOD" (506). A fourth arrow points down to a rectangular box labeled "PERFORM LISTEN METHOD" (508). Finally, an arrow points down to a rounded rectangular box labeled "END" (510).

FIG. 5

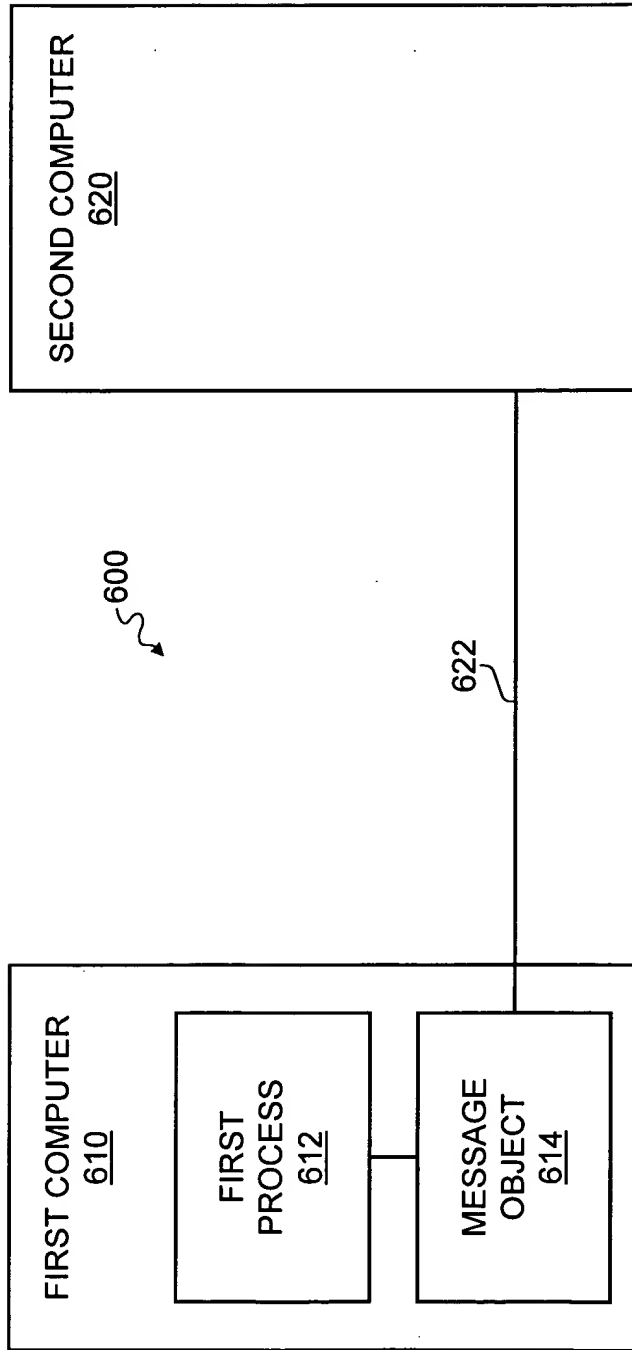


FIG. 6

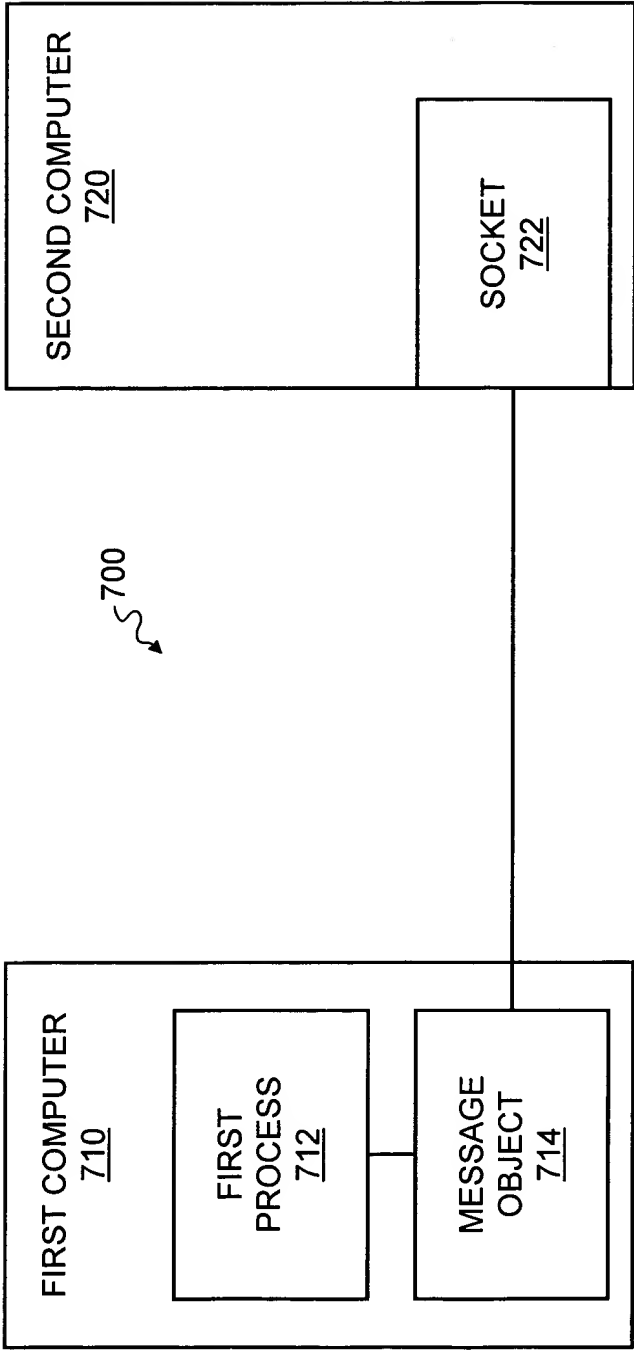


FIG. 7

```
graph LR; MC[MESSAGE CLASS 810] --- MC812[MESSAGE CONSTRUCTOR 812]; MC --- PM[POST METHOD 814]; MC --- RM[REPLY METHOD 816]; MC --- AM[ABORT METHOD 818]; MC --- CM[CREATE METHOD 820]; MC --- COM[COMMIT METHOD 822]; MC --- SM[STATUS METHOD 824]; MC --- GBM[GETBUFFER METHOD 826]; MC --- GBLM[GETBUFFERLENGTH METHOD 828]; MC --- GHM[GETHEADER METHOD 830]; MC --- GHL[GETHEADERLENGTH METHOD 832]; MC --- GTM[GETTAG METHOD 834]; MC --- GSTM[GETSYSTEMTAG METHOD 836]; MC --- GEM[GETERROR METHOD 838]; MC --- GSNM[GETSERVERNAME METHOD 840]; MC --- GSCN[GETSERVICENAME METHOD 842]; MC --- GRSM[GETREPLYSERVICE METHOD 844]; MC --- GESM[GETERRORSERVICE METHOD 846]; MC --- GTLM[GETTIMELIMIT METHOD 848]; MC --- LO[<< OPERATOR 850]; MC --- RO[>> OPERATOR 852]; MC --- P[PARENT 854]; MC --- C[CHILD 856];
```

MESSAGE CLASS 810

- MESSAGE CONSTRUCTOR 812
- POST METHOD 814
- REPLY METHOD 816
- ABORT METHOD 818
- CREATE METHOD 820
- COMMIT METHOD 822
- STATUS METHOD 824
- GETBUFFER METHOD 826
- GETBUFFERLENGTH METHOD 828
- GETHEADER METHOD 830
- GETHEADERLENGTH METHOD 832
- GETTAG METHOD 834
- GETSYSTEMTAG METHOD 836
- GETERROR METHOD 838
- GETSERVERNAME METHOD 840
- GETSERVICENAME METHOD 842
- GETREPLYSERVICE METHOD 844
- GETERRORSERVICE METHOD 846
- GETTIMELIMIT METHOD 848
- << OPERATOR 850
- >> OPERATOR 852
- PARENT 854
- CHILD 856

FIG. 8

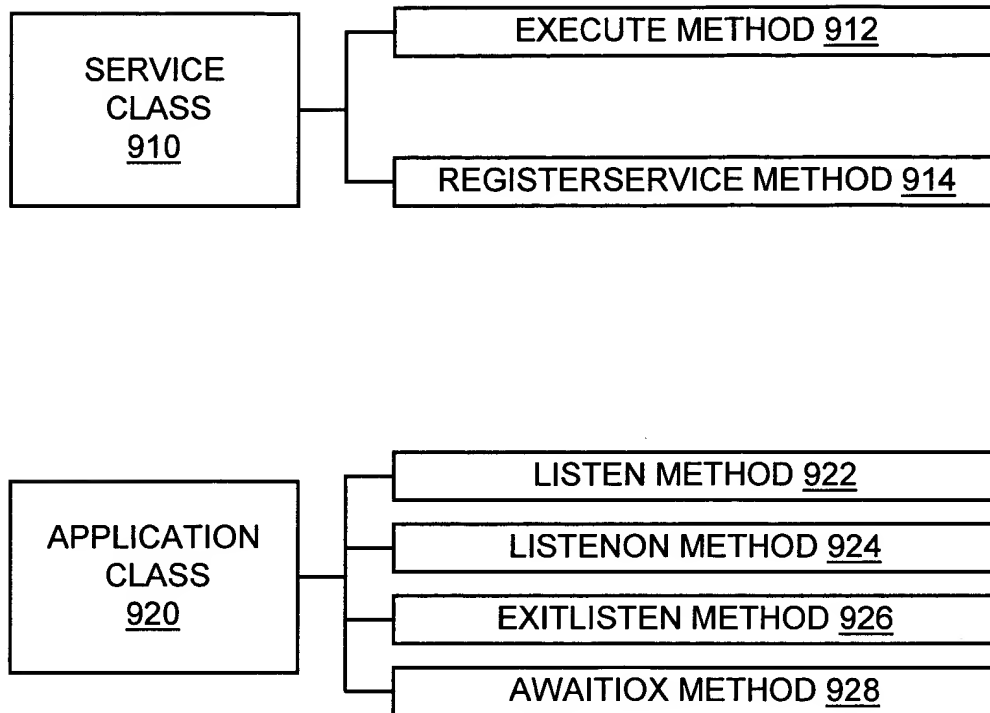


FIG. 9

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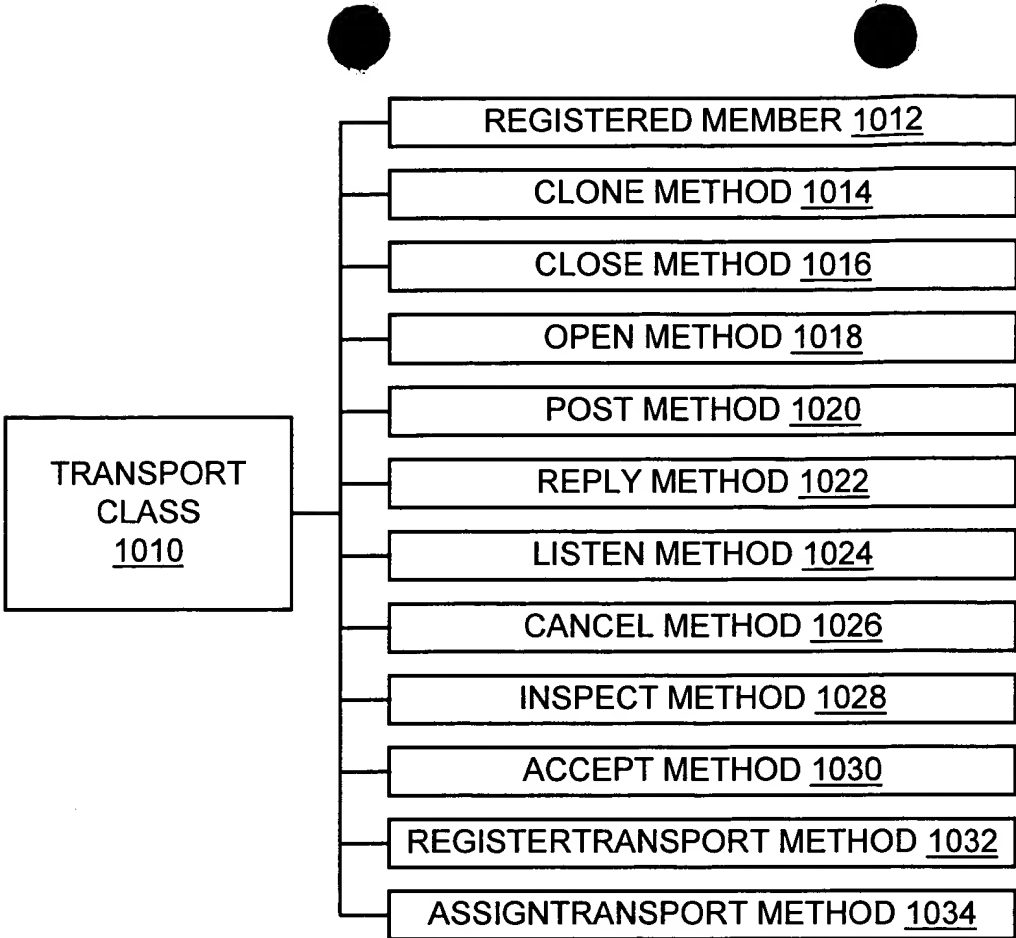


FIG. 10

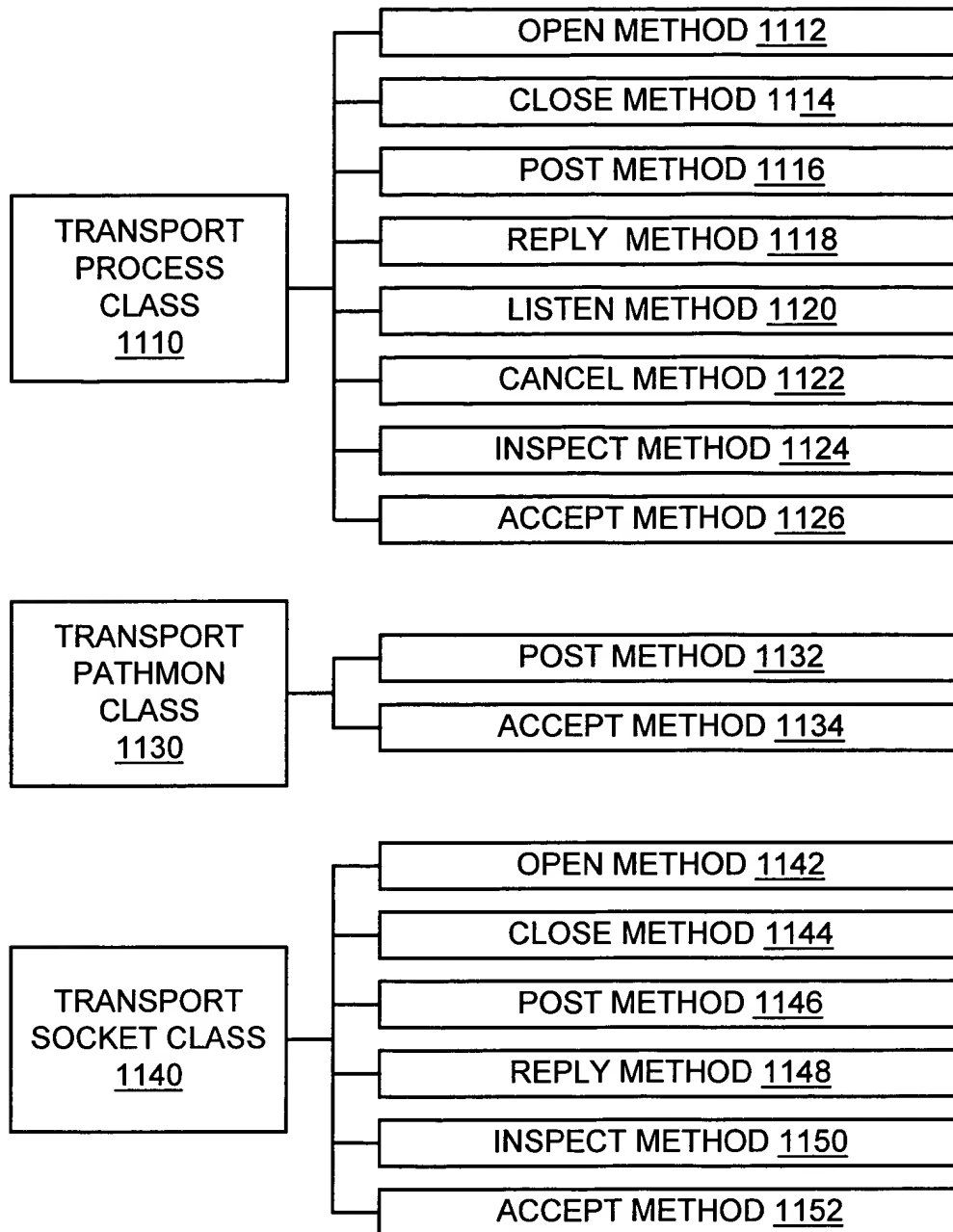


FIG. 11